

KARAIKAL POLYTECHNIC COLLEGE

PIPMATE

(A GOVERNMENT OF PUDUCHERRY INSTITUTION)

VARICHIKUDY, KARAIKAL – 609 609.

TENDER SCHEDULE FOR THE SUPPLY OF

MACHINERIES AND COMPUTERS

UNDER

**MODERNISATION & REMOVAL OF OBSOLESCENCE
SCHEME**

FOR THE

DEPARTMENT OF MECHANICAL ENGINEERING

**Tender Schedule No:1 - Supply of Machineries & Computers for the
Department of Mechanical Engineering**

DUE DATE : 20.01.2011

UPTO 12.30 P.M

**OFFICE OF THE PRINCIPAL
KARAIKAL POLYTECHNIC COLLEGE
VARCHIKUDY, KOTTUCHERRY, KARAIKAL 609 609.**

No:KPTC/MODROBS/Tender Schedule/10-11/Mech/ 1649

dt 21.12.2010

TENDER SCHEDULE NO.1

Sealed Tenders are invited for the supply of Machineries and computers for Mechanical Engineering department :

The non-refundable and Non-Transferable tender document can be had from the principal, Karaikal Polytechnic College, Karaikal on any working day on payment of Rs.500/- +4 % S.T (non refundable) in cash in person or by sending the amount by D.D in favour of the Principal, Karaikal Polytechnic college, Karaikal-609 609. Unless taken in person the Tender forms will be sent by ordinary post only.

This department will not bear any responsibility for delay or loss of Tender forms during Transit. The Tender details can also be had by downloading from the website and the same can also be used for participation in the Tender competition. In that case of the Tender, an amount of Rs.500/- +4% S.T should be paid by way of D.D drawn in favour of Principal, Karaikal Polytechnic College, Karaikal and it should be enclosed in the Tender bid.

The tender should be placed in a sealed cover with the superscription on the top of envelope as "Tender for the supply of Computers & Accessories under Modernization & Removal of Obsolescence Scheme for the Department of Mechanical Engineering".

The supplier should quote the rates in figures as well as in words. The amount for each item should be worked out and the requisite total amount should be furnished.

The following time schedule shall strictly be applied for this tender.

1. Sale of tender forms in the cash counter,
Karaikal Polytechnic college, Varichikudy, Karaikal --Upto 4.00 P.M on 19.01.2011
2. Last date for receipt of sealed tender in the
Karaikal Polytechnic College, Varichikudy, Karaikal -- Upto 12.30 P.M on 20.01.2011
3. Opening of tender in the chamber of Principal,
Karaikal Polytechnic College, Karaikal 609 609 -- at 3.00 P.M on 20.01.2011

The tender forms are not transferable. Late tenders will not be accepted under any circumstance.

**PURCHASE OF MACHINERIES AND COMPUTERS
UNDER
MODERNISATION & REMOVAL OF OBSOLESCENCE
SCHEME
DEPARTMENT OF MECHANICAL ENGINEERING**

Sl.No	Description of items	Brand/Make to be Specified	Rate	Qty.	Total Amount
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1. Computer Systems – 5 No.

Brand: Acer

Intel Core i3-540 processor-3.06 GHz, 1333 MHz FSB, 4MB Cache
320 GB HDD SATA
4 GB DDR3 SD RAM 1333 MHz, DVD Writer
Sleek cabinet
20" TFT LCD Monitor
6 USB Port (atleast 2 in front)
Multi media Key board with optical mouse
Genuine Windows 7 Home premium preloaded

2. CNC Lathe trainer – 1 No.

Brand: MICRO TURN (SS-MT-100)

Personal computer with standard specifications	- 1 set
Axis motor (Stepper motors)	- 1 set
Slant bed machine with 30° angle	
Swing over bed = 200mm	
Swing over cross slide = 70mm	
Max. turning dia. / Length = 32mm / 120mm	
Cross travel (X-axis) = 80mm	
Longitudinal travel (Z-axis) = 200mm	
Distance between centers = 225mm	
Spindle bore = 20mm	
Spindle nose taper = MT3	
Spindle speed = 3000rpm	
Resolution = 0.005mm	
3 jaw self centered chuck - 100mm dia.	- 1 No
0.5HP, 3phase spindle motor with AC drive	- 1 No
Licensed copy of CNC Lathe software for simulation and execution	- 1 No
Set of tools for maintenance	- 1 set
Operational and maintenance manual	- 1 No
Eight station programmable turret with 4 internal and 4 external tools	- 1 set

3. ARC WELDING TRANSFORMER- 1 No.

Welding current range : 35 to 300A
Welding voltage range : 24 to 32 V
Maximum current : 240 A
Electrode type : 6 to 16 gauge
Type : Oil cooled or air cooled

4. DIGITAL MULTIMEDIA PROJECTOR– 1 Nos.

Panel	DLP
	0.55" LVDS DDP2431 with brilliant colour
Aspect ratio	4:3 (native), 5:4, 16:9, 16:10
Optical zoom	Manual
Focus	Manual
Focal length / Lens	1:1.1
Brightness	2500 ANSI lumens
Lamp	176 W (ECO), 220 W (Normal)
Contrast ratio	1500:1
Resolution	XGA
Screen size	300-300
Projection distance	1.5m to 6m
Input signals – Computer	VGA(HDX15) X 2
Input signals – Video input	S-Video - 1, Composite video – 1
Input audio	Audio 3.5mm jack – 1
Output	VGA(HD X 15) – 1, Audio 3.5mm jack – 1
Video signal	NTSC / PAL / SECAM
RGB Signal	VGA / SVGA / XGA / SXGA / UXGA
Control port	Yes, RS 232
Wireless network	Yes
Embedded speaker	2 W
Weight	4 kg
Features	Direct power ON/OFF, Black board button
Ceiling mount kit	Yes
Screen	6' x 4'
Cabling and installation	Yes

5. LASER PRINTER - 1 Nos.

Brand: HP Laser Jet P1007

Print speed - 15 ppm

266 MHz Processor with 2MB RAM

USB 2.0 port

Note: All standard accessories and technical reference manual should be provided for each equipment

KARAIKAL POLYTECHNIC COLLEGE

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(A GOVERNMENT OF PONDICHERRY UNDER TAKING)

VARICHIKUDY – KARAIKAL – 609609.

TERMS AND CONDITIONS FOR THE TENDER

The persons and firms intending to offer rate for supply of laboratory equipments and other articles to Karaikal Polytechnic College, Karaikal should observe the Terms and Conditions given below:

1. Only reputed and registered firms need to participate in the tender.
2. Tenders should be submitted for the exact items as per specifications asked for with necessary pamphlets/catalog.
3. Tenders received after the due date and time will not be considered.
4. Each tender should be accompanied by an Earnest Money Deposit (EMD) at the rate of 2½ % of the cost of the equipments and machineries for which rates have been quoted. The EMD should be in the form of Demand Draft on any of the Nationalised Banks drawn in favour of 'The Principal, Karaikal Polytechnic College, Karaikal', payable at Karaikal. Cheques and term deposit will not be accepted.
5. The tenders submitted without requisite EMD will be summarily rejected and no request for exemption will be entertained except from the firms registered as Industrial Co-operative Society / Small Scale Industries with Government of Puducherry / N.S.I.C./ D.G.S. & D as applicable. Photostat copy of the valid certificate should be furnished along with the tender.
6. After finalization of the tenders, the unsuccessful tenderer will get back the entire EMD paid.
7. The tenderer withdrawing the tender once submitted / not executing the supply orders will lose the entire EMD paid.
8. The Institute will issue form 'D' applicable to Government Departments as per the Central Sales Tax (Registration and Turnover) Rules, 1957 .
9. The prices quoted should be clearly mentioned in the tender schedule. Any correction in rates shall be attested by the person signing the tender. The price quoted shall be valid for a period of one year from the date of opening of the tender.
10. The prices quoted should be inclusive of charges like packing, freight, insurance, excise duty etc., but exclusive of sales tax.
11. No insurance charge will be payable by the Institute.
12. Government of India DGS&D and Government of Puducherry rate contracts have to be compared with lowest price offered by the supplier through tender.
13. Installation and demonstration should be done by the tenderer at Institute premises at free of cost. Original manuals are to be supplied for licensed items.

14. The materials/stores shall be guaranteed for satisfactory performance/working for a period of at least 12 months from the date of supply/commissioning. Any defects noticed during this period shall be rectified at free of cost to the satisfaction of the Institute. If the damage is more and the item is not functioning properly at the time of installation, then the entire unit must be replaced with a new one.
15. (For Computer & Peripherals Supplier) The Contractor/Supplier will have to furnish to the Purchaser (Karaikal Polytechnic college) an interest free performance bank guarantee for 10% (Ten percent) of the order value/ contract value by Demand Draft or by way of providing a Bank Guarantee from a Nationalised/Scheduled Bank valid for a period of 12 months/guarantee period mentioned in the order from the date of installation/acceptance for satisfactory performance of the work carried out by the Contractor.
16. The requirements found in the schedule are only approximate. The tenderer should undertake to supply those requirements in excess or lesser to those specified in the schedule as per the actual requirement of the Institute.
17. The order will be placed with the successful tenderer for the supply of items. The supply should be made at the supplier's own risk. Damages and breakages, if found in transit, the articles/equipments thereof should be replaced, otherwise the cost will be deducted from the bill.
18. The tenderer shall submit bills in triplicate along with an advanced stamped receipt immediately after execution of the contract for arranging payment. The payment will be made on receipt of said stores items at site in good condition subject to fulfillment of all other terms and conditions of contract.
19. Payment shall be made after executing the contract to the entire satisfaction. No advance payment will be made under any circumstance.
20. Acceptance of the tender will rest with the Principal, Karaikal Polytechnic College, Karaikal, who does not bind himself to accept the lowest tender and reserves to himself the authority to reject any or all of the tenders received without assigning any reasons. The Principal has the power to accept the material of higher cost, if they are of reputed make and are as per the specifications.
21. The tenderer should furnish a certificate as worded below in token of acceptance of all the terms and conditions of the tender. Otherwise the tender will not be considered under any circumstances.
22. *"I/We the undersigned certify that the terms and conditions as contained in the documents viz., 'Terms and Conditions of Tender Notice of Karaikal Polytechnic College, Karaikal' are accepted and that in the event of selection of my/our rates the agreement in the prescribed form will be entered into."*
23. The decision of the Principal in all matters relating to this tender shall be final and conclusive. In case of any dispute Puducherry shall be legal jurisdiction.
24. The offer should be mailed in wax-sealed envelopes addressed to "**The Principal, Karaikal Polytechnic College, Karaikal – 609 609**" on or before **20.01.2011 at 12.30 p.m.** with superscription "**Tender for supply of Machineries & Computers**". The tenders will be opened on the same day at **03.00 p.m.** in the presence of all the representatives / tenderers.

PRINCIPAL